



DEPARTMENT OF WATER RESOURCES

CALIFORNIA WATER FACTS

Average annual precipitation	22.9 inches *
Average annual runoff	71 million ac-ft
Lowest annual runoff (1977)	15 million ac-ft
Highest annual runoff (1983)	135 million ac-ft
Population (2000)	34.1 million
2000 average irrigated land acreage.....	9.0 million acres
Sacramento-San Joaquin Delta 2000 total outflow	18.1 million ac-ft
Sacramento-San Joaquin Delta 2000 required outflow	7.2 million acre-feet
2000 average applied urban water use	8.9 million ac-ft
2000 average applied agricultural water use	34.2 million ac-ft
2000 average environmental water use**	39.6 million ac-ft (includes 23.1 million ac-ft wild and scenic river flows)
Special Districts in California performing water supply.....	over 2,800
Water management function (including county service areas)	
Total capacity of 1,350 surface reservoirs.....	41 million ac-ft
Usable storage capacity of groundwater basins.....	estimates range between 143 and 450 million ac-ft

*The average annual rainfall is calculated on a 30 year average. 2000 was defined as an average water year.

**Environmental water includes designated wild and scenic flows, instream flows, Sacramento-San Joaquin Delta required outflow, managed wildlife refuge water, and the Environmental Water Account. Theoretically, the number would also include water for riparian habitats; however, it is not quantified at this time.

CONVERSION FACTORS FOR WATER

1 cubic foot	7.48 gallons.....	62.4 pounds of water
1 cubic foot per second (cfs)	450 gallons per minute (gpm)	
1 cfs.....	646,400 gallons per day	1.98 ac-ft per day
1 acre-foot.....	325,851 gallons	43,560 cubic feet
An acre-foot covers an acre of land one foot deep		
1 acre-foot.....	1,233 cubic meters	
1 million cubic meters	811 acre-feet	
1 cubic meter per second.....	35.32 cfs	
1 Hectare/Meter.....	8.1 ac-ft	
1 hectare.....	2.47 acres	
1 million gallons.....	3.07 acre-feet	
1 million gallons per day (mgd)	1,120 ac-ft per year	
10 cents per 1,000 gallons.....	\$32.59 per ac-ft	